

Docket No.: 1875.1004 (formerly 121.1053)

Serial No. 10/634,830

REMARKS

In accordance with the foregoing, the specification and various of the claims have been amended to improve and without change in substance or the introduction of new matter. Accordingly, approval and entry of the specification and claim amendments are respectfully requested.

STATUS OF CLAIMS

Claims 1-4 and 16 are allowed.

Claims 5-15 are rejected.

Claims 1-16 are pending herein and reconsideration of the rejected claims 5-15 is requested.

ITEM 2: REJECTION OF CLAIMS 5-15 UNDER 35 U.S.C. §102(a) BY KIM ET AL. (U.S. PATENT 6,724,357)

The rejection is respectfully traversed. It is respectfully submitted that Kim et al. is unrelated to the subject matter of the present invention as disclosed and claimed herein.

In relation to claim 5, the Examiner asserts that Kim et al. discloses:

applying a sustaining pulse applied in the sustaining period to each of the X electrodes and the Y electrodes includes an alternating pulse oscillating between both sides of a predetermined reference voltage at least in the beginning portion of the sustaining period...

(Action at page 2)

It is respectfully submitted that such a sustaining pulse waveform is not disclosed in any of the cited parts of Kim et al., namely FIGS. 1-10, col. 1, lines 24-67 to col. 9, lines 1-33.

To the contrary, a driving waveform in the sustaining period is shown as "e" or "f" in only FIG. 4 (Prior Art) of Kim et al. This, however, merely shows "a pulse of positive voltage based on the reference potential" applied at the end (f) in FIG. 4 (col. 3, lines 5-14) of the sustaining period -- which is not recited in claim 5 in the present application.

Regarding claim 6 of the present application, the Examiner asserts that the electrode structure that is claimed in claim 6 is disclosed in FIG. 13 of Kim et al. However, Kim et al. includes only FIGS. 1-10.

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In addition, a negative waveform, which is characteristic of claim 6, applied to address electrodes is not disclosed in any parts that the Examiner points out. Furthermore, regarding any of the other rejected claims 7-15, a driving waveform defined in the claims is not disclosed in any of FIGS. 1-10 and cited parts pointed out by the Examiner. In particular, a waveform in the sustaining period which is indicated is not included in FIGS. 5-10.

It is submitted that Kim et al. is related to a driving method for controlling a slope of an erasing pulse in a resetting period according to the number of sustaining pulses in the sustaining period. By contrast, the present invention pursues optimization conditions of a ramp waveform in an initializing period for the purpose of realizing a satisfactory initialization state to all discharge cells, and thus differs from Kim et al. in both structure and effect.

CONCLUSION

It is respectfully submitted that the foregoing has demonstrated that claims 5-15, rejected based on Kim et al., clearly patentably distinguish thereover.

Accordingly, all of the pending claims are submitted to be allowable over the art of record and, there being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

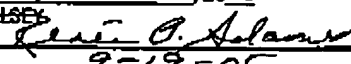
If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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